

May Lim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1058110/publications.pdf>

Version: 2024-02-01

21
papers

1,150
citations

567281

15
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	Biologically Targeted Magnetic Hyperthermia: Potential and Limitations. <i>Frontiers in Pharmacology</i> , 2018, 9, 831.	3.5	340
2	Lanthanide-Doped Upconversion Nanoparticles: Emerging Intelligent Light-Activated Drug Delivery Systems. <i>Advanced Science</i> , 2016, 3, 1500437.	11.2	179
3	Doxorubicin loaded dual pH- and thermo-responsive magnetic nanocarrier for combined magnetic hyperthermia and targeted controlled drug delivery applications. <i>Nanoscale</i> , 2016, 8, 12152-12161.	5.6	173
4	Polymerization of a Photocleavable Monomer Using Visible Light. <i>Macromolecular Rapid Communications</i> , 2016, 37, 905-910.	3.9	50
5	Controlled Direct Growth of Polymer Shell on Upconversion Nanoparticle Surface via Visible Light Regulated Polymerization. <i>Macromolecules</i> , 2017, 50, 7137-7147.	4.8	49
6	Effect of TiO ₂ nanoparticle surface functionalization on protein adsorption, cellular uptake and cytotoxicity: the attachment of PEG comb polymers using catalytic chain transfer and thiol-ene chemistry. <i>Polymer Chemistry</i> , 2012, 3, 2743.	3.9	43
7	Biological impacts of TiO ₂ on human lung cell lines A549 and H1299: particle size distribution effects. <i>Journal of Nanoparticle Research</i> , 2011, 13, 3801-3813.	1.9	42
8	Spatial and temporal control of drug release through pH and alternating magnetic field induced breakage of Schiff base bonds. <i>Polymer Chemistry</i> , 2014, 5, 3311-3315.	3.9	39
9	Exploiting the Versatility of Polydopamine-Coated Nanoparticles to Deliver Nitric Oxide and Combat Bacterial Biofilm. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800159.	3.9	39
10	Synthesis of Light-Responsive Pyrene-Based Polymer Nanoparticles via Polymerization-Induced Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800510.	3.9	38
11	Surface functionalization of upconversion nanoparticles using visible light-mediated polymerization. <i>Polymer</i> , 2018, 151, 6-14.	3.8	32
12	Understanding the Formation of Iron Oxide Nanoparticles with Acicular Structure from Iron(III) Chloride and Hydrazine Monohydrate. <i>Crystal Growth and Design</i> , 2011, 11, 1689-1696.	3.0	31
13	Copper Complex in Poly(vinyl chloride) as a Nitric Oxide-Generating Catalyst for the Control of Nitrifying Bacterial Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22148-22156.	8.0	31
14	The effect of common bacterial growth media on zinc oxide thin films: identification of reaction products and implications for the toxicology of ZnO. <i>RSC Advances</i> , 2014, 4, 4363-4370.	3.6	15
15	Iron Complex Facilitated Copper Redox Cycling for Nitric Oxide Generation as Nontoxic Nitrifying Biofilm Inhibitor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30502-30510.	8.0	15
16	NIR/blue light emission optimization of NaY _{1-x-y} Yb _x F ₄ :Tm _y upconversion nanoparticles via Yb ³⁺ /Tm ³⁺ dopant balancing. <i>Dalton Transactions</i> , 2018, 47, 8629-8637.	3.3	15
17	High peak and high average radiofrequency power transmit/receive switch for thermal magnetic resonance. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2246-2255.	3.0	9
18	Ferrous ion as a reducing agent in the generation of antibiofilm nitric oxide from a copper-based catalytic system. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 75, 8-15.	2.7	3

#	ARTICLE	IF	CITATIONS
19	Effects of surface functional groups on the aggregation stability of magnetite nanoparticles in biological media containing serum. , 2011, , .		2
20	The Oxygen Reduction Reaction in Ferrofluids: Towards Membraneless and Spillless Gas Sensors. ChemPlusChem, 2014, 79, 1498-1506.	2.8	2
21	Macromol. Rapid Commun. 11/2016. Macromolecular Rapid Communications, 2016, 37, 940-940.	3.9	0